

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 10011752-1

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Sharma et al.

Confirmation No.: 3262

Application No.: 10/029,694

Examiner: M. Tran

Filing Date: 12/20/2001

Group Art Unit: 2818

Title: MAGNETIC MEMORY DEVICE HAVING SOFT REFERENCE LAYER

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
(X) No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")
(X) Other: Terminal disclaimer (fee \$)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$18	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$86	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

(X) I hereby certify that this paper is being transmitted
to the Patent and Trademark Office facsimile
number (703) 872-9318 on 12/5/2003
Number of pages: 8

Typed Name: Hugh P. Gortler

Signature:

Sharma et al.

By

Hugh P. Gortler

Attorney/Agent for Applicant(s)
Reg. No. 33,880

Date: 12/5/2003

Telephone No.: (949) 454-0898

Rev 10/03 (TrAmFex)

- Attach as First Page to Transmitted Papers -

PATENT
PDNO 10011752-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Sharma et al.

: Confirmation No. 3262

Serial No. 10/029,694
Filed: December 20, 2001

: Examiner: M. Tran
: Group Art Unit: 2818

For: **MAGNETIC MEMORY DEVICE HAVING SOFT REFERENCE LAYER**

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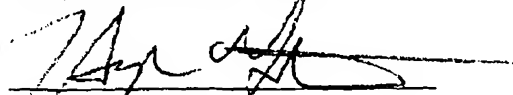
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P.O. Box 1450
Arlington, VA 22313-1450

AMENDMENT

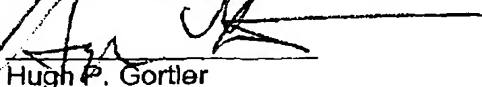
This amendment is filed in response to the office action dated October 10, 2003. The amendment includes a section for amendments to the claims, and a section for remarks.

Respectfully submitted,



Hugh P. Gortler
Reg. No. 33,890

I hereby certify that this correspondence is
being facsimile transmitted to the
United States Patent and Trademark Office
on December 5., 2003.


Hugh P. Gortler

Hewlett-Packard Company
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400

(949) 454-0898

Date: December 5, 2003